

PRIOR ART

FIG. 1

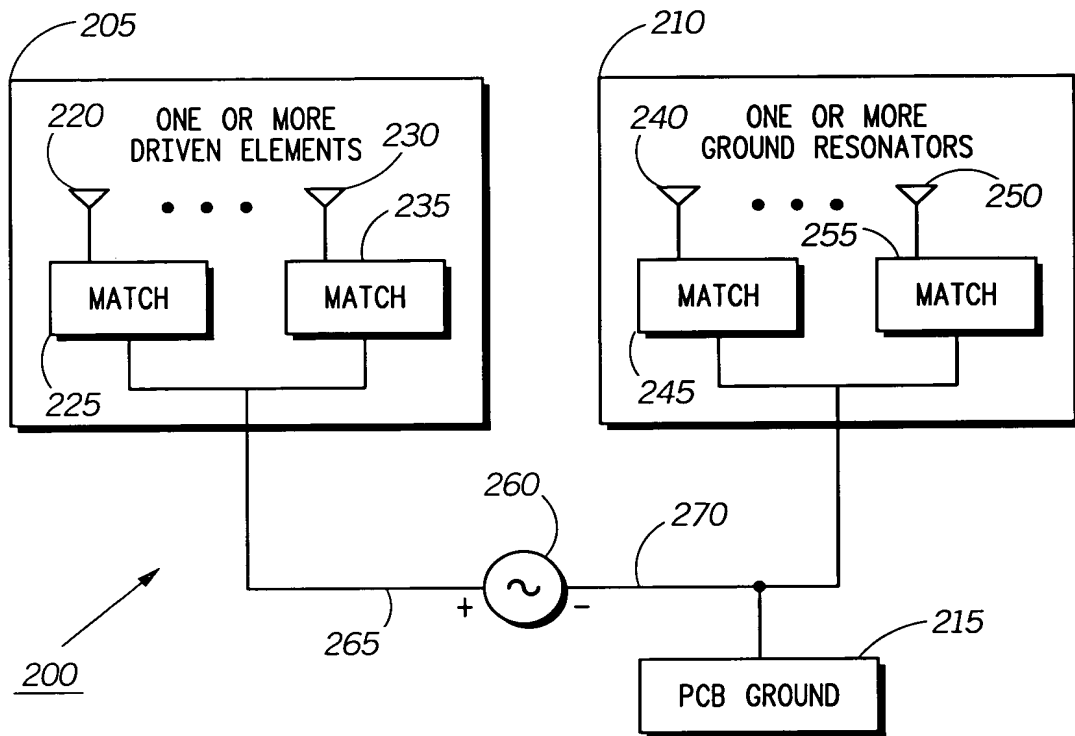


FIG. 2

SCENARIO	ANT 1	ANT 2	ANT 3	ANT 4	DESCRIPTION
1	+	-	-	-	ANT1 USED AS MAIN ANTENNA, ANT2,3,& 4 AS GROUND RESONATORS
2	-	+	-	-	ANT 1 USED AS MAIN ANTENNA, ANT 2,3 AS GROUND RESONATORS
3	+	+	-	-	DIVERSITY WITH ANT1 & ANT2 AS MAIN ANTENNA, ANT3 & 4 AS GROUND RESONATORS
4	-	-	+	-	GROUND RESONATOR DIVERSITY WITH ANT1 & ANT2 & ANT4. ANT3 AS MAIN ANTENNA
5	+	-	+	-	DUAL POLARITY DIVERSITY
6	-	+	+	-	DUAL POLARITY DIVERSITY
7	+	+	+	-	THREE ELEMENT DIVERSITY WITH ON GROUND RESONATOR, ANT3
8	-	-	-	+	SAME AS #7, POLARITY REVERSAL
9	+	-	-	+	SAME AS #6, POLARITY REVERSAL
10	-	+	-	+	SAME AS #5, POLARITY REVERSAL
11	+	+	-	+	SAME AS #4, POLARITY REVERSAL
12	-	-	+	+	SAME AS #3, POLARITY REVERSAL
13	+	-	+	+	SAME AS #2, POLARITY REVERSAL
14	-	+	+	+	SAME AS #1, POLARITY REVERSAL
15	+	+	+	+	MAIN ANTENNA AND ALL AUX ELEMENTS DRIVEN BY THE UNGROUNDED SIG.SOURCE TERMINAL

FIG. 3

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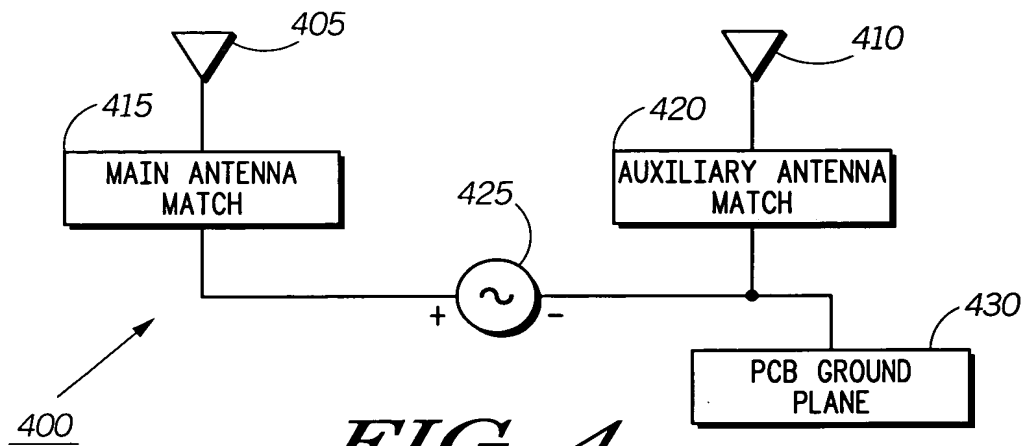


FIG. 4

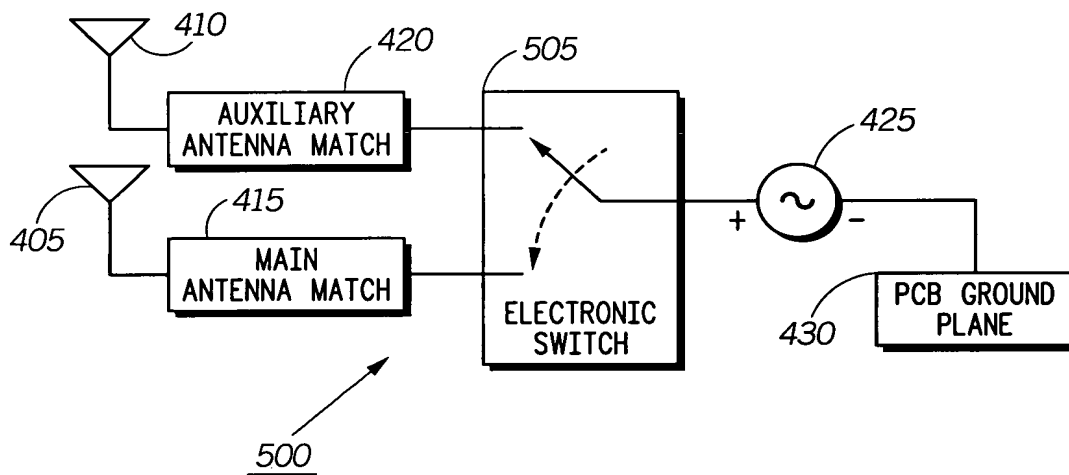


FIG. 5

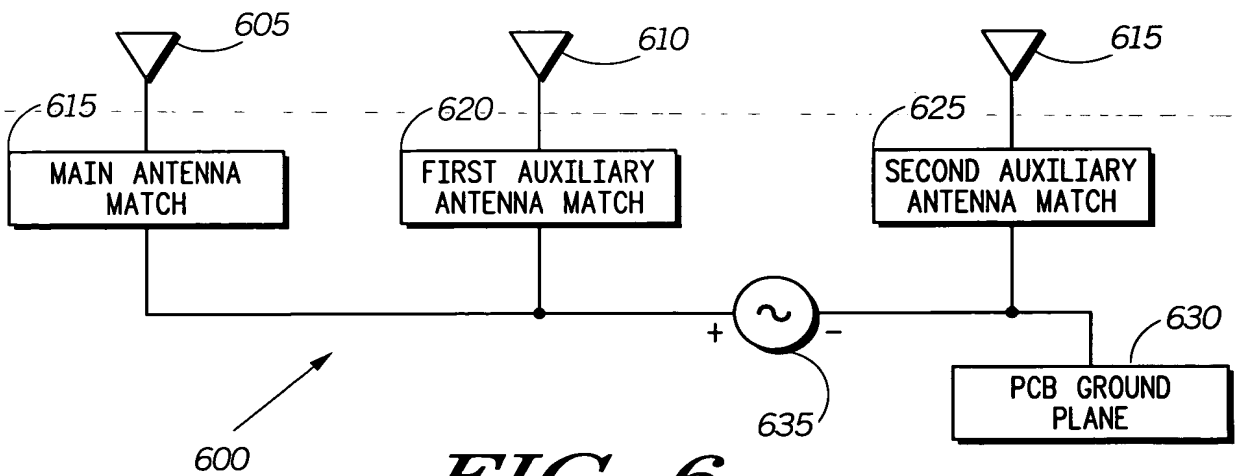


FIG. 6

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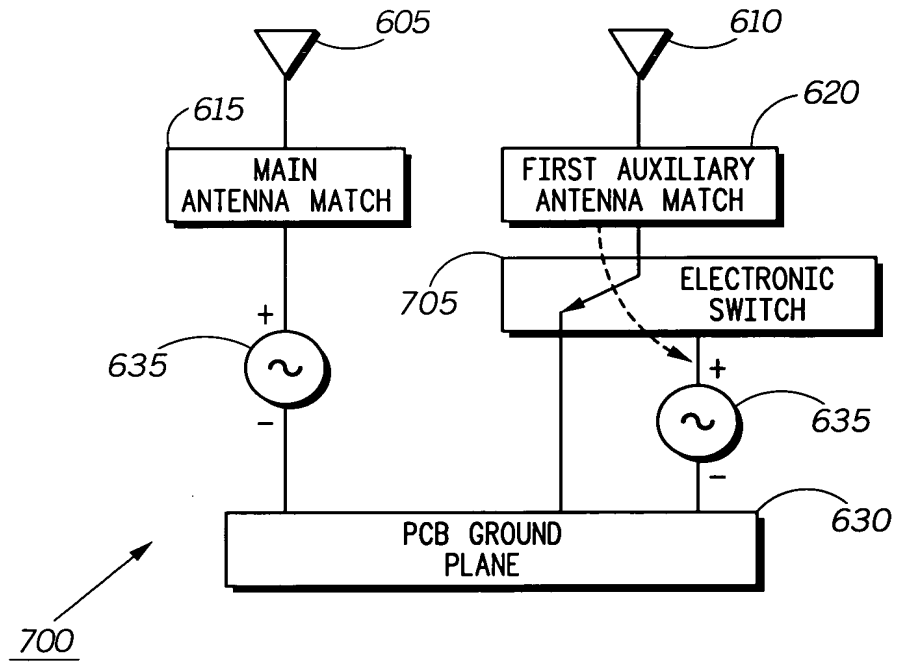
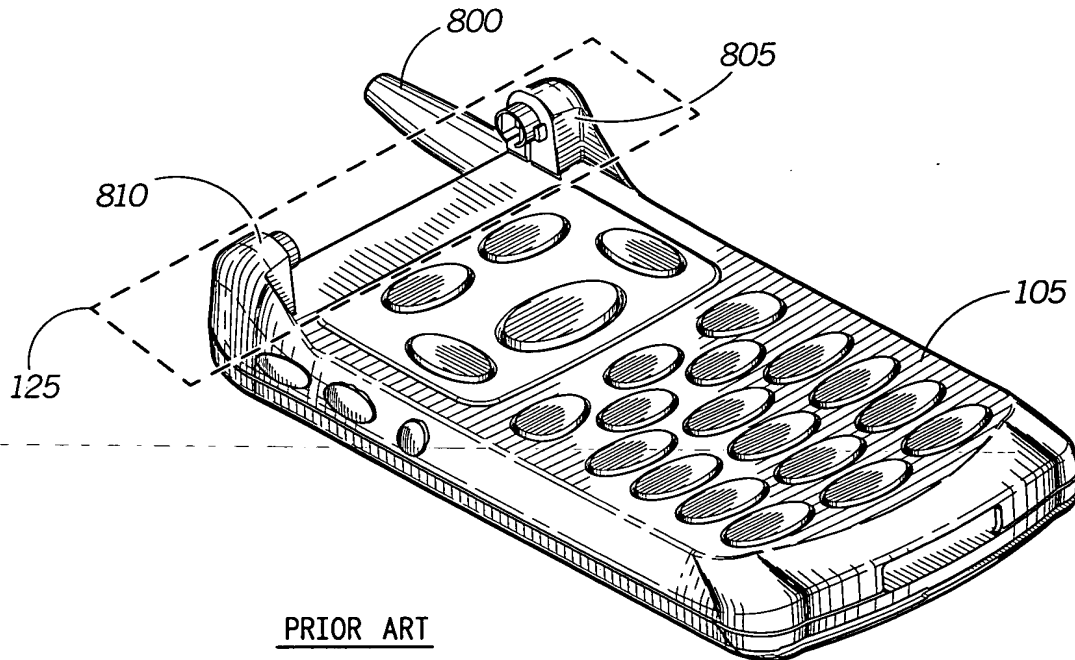


FIG. 7



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FIG. 8

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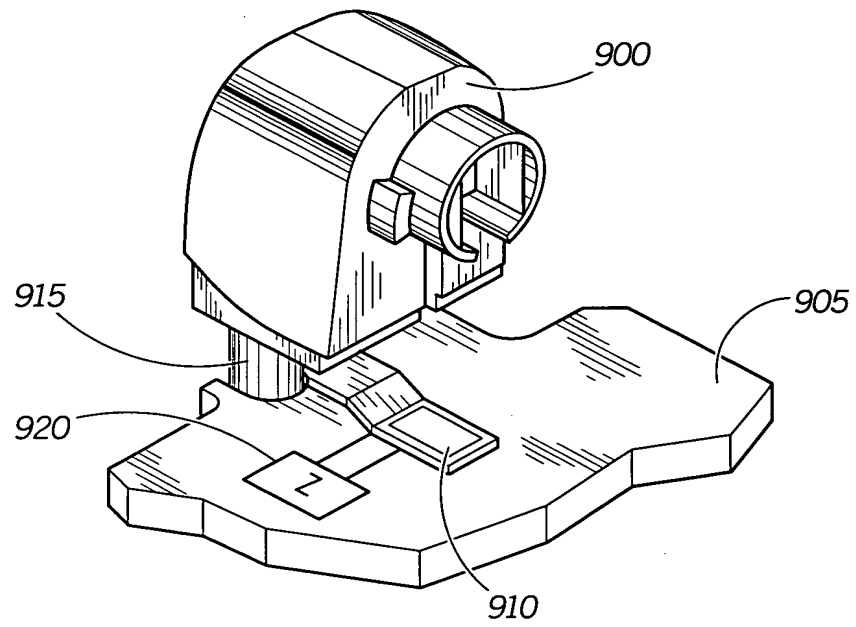


FIG. 9

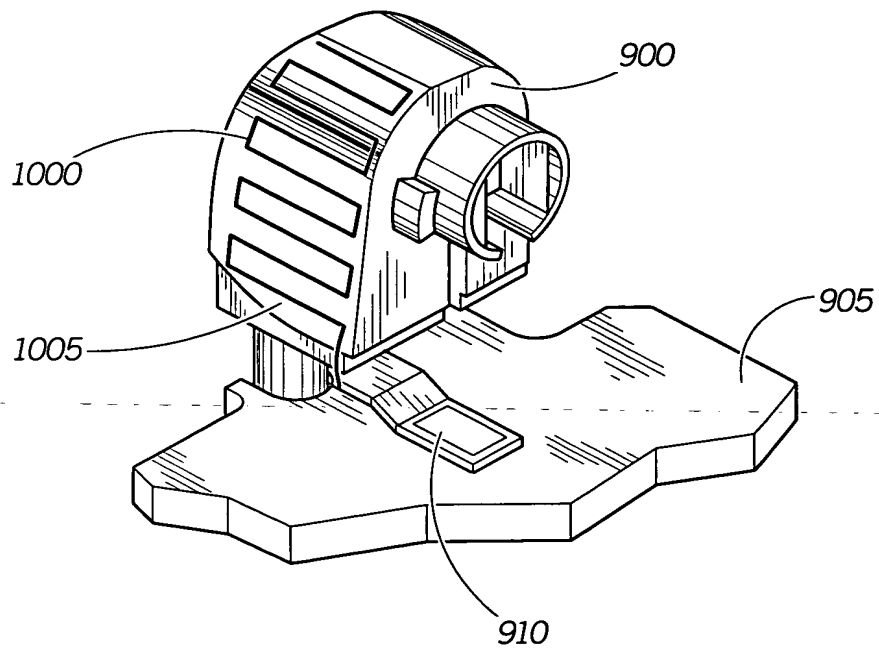


FIG. 10

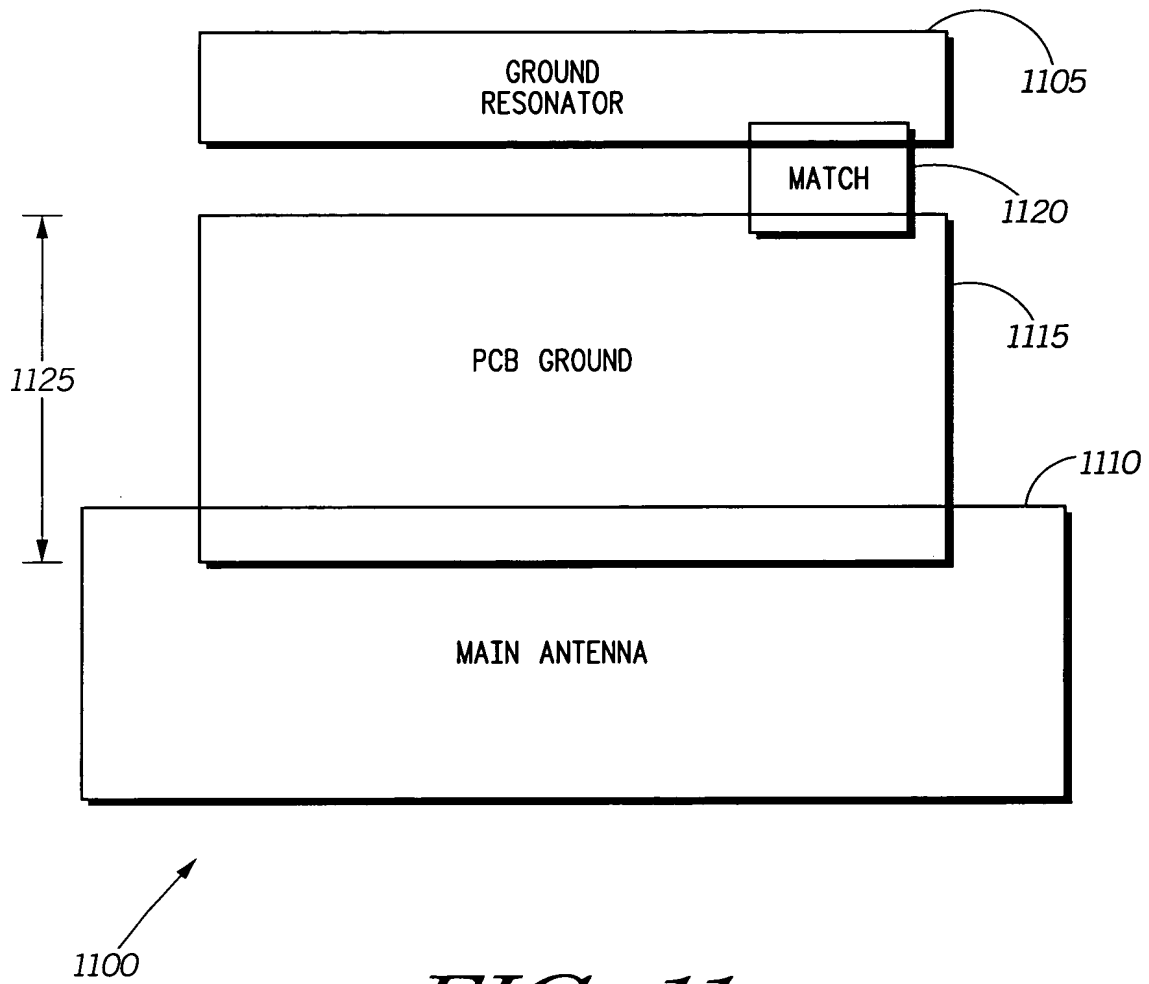


FIG. 11